

11/26/03



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : John Russel McKAY
Serial no. : 10/693,778
Filed : October 23, 2003
For : METHOD OF CRYOGENIC TREATMENT OF
TUNGSTEN CARBIDE CONTAINING COBALT

Group Art Unit :
Examiner :
Docket : THOLAM P214US

The Commissioner for Patents
U.S. Patent & Trademark Office
P. O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In connection with this matter, the Applicant hereby attaches one (1) United States Patent Office Form PTO-1449 and copies of the information listed in the enclosed PTO-1449 Form, unless otherwise indicated on such Form.

As this application was filed after June 30, 2003, a copy of each listed U.S. patent or U.S. application is not being forwarded to the United States Patent and Trademark Office as permitted by the recent waiver of the requirement under 37 CFR 1.98 (a)(2)(i).

In the event that there are any fee deficiencies or additional fees are payable, please charge the same or credit any overpayment to our Deposit Account (Account No. 04-0213).

Respectfully submitted,

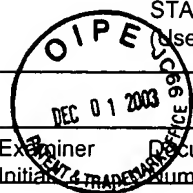

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service, with sufficient postage, as First Class Mail in an envelope addressed to: Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. November 26, 2003.

By: 

Print Name: Michael J. Bujold



U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Date	Name	Sub- Class	Filing Date, if Appropriate
	6,141,974	11/07/2000	WALDMANN et al.	62/62	(copy not being supplied)

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Date	Country	Sub- Class	Class	Translation Yes No
	2,275,505	11/26/2000	CANADA	C21D	9/18	✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

REEHAL, Dr. H.S. Principal Investigator, "Enhanced and Novel Wear Resistant Coatings for Valve Service - Diamond Coatings", *EPSRC Research Grant Final Report Summary: Grant No. GR/K70342*, London, England, September 30, 2002, pp. 1-2.

Azom.com website pages entitled "Microwave Sintering of Metals", September 30, 2002, pp. 1-4.

NADET Institute: Research Initiatives, "Advanced Drilling Technologies Research Initiatives", printed from website on September 26, 2002, pp. 1-8.

Dennis Tool Company Engineering Report, "Effects of Cryogenic Treatment on Impact Strength of PDC, n.d., pp. 1-2.

Dennis Tool Company product sheet, "V3.0 Microwave Sintering Furnace", n.d., p. 1.

Examiner

Date Considered

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.